



GoToBilling, Inc.

OneClick Developers Guide

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Applicability

This document is intended to provide information on the installation of the GoToBilling OneClick web payment form.

Customer Support

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Table of Contents

Notice of Proprietary Information	2
Applicability.....	2
Customer Support	2
Document History	1
Overview	2
OneClick Feature Explained.....	2
Example OneClick.....	2
Section 1: OneClick Screen Shots.....	3
Choosing Credit Card Payment Option	4
Choosing Checking Account (ACH-eCheck) Option	5
Section 2: Installation Instructions.....	6
Example HTML Page	6
Passing Customer Contact Information.....	7
Passing Hidden Data Such as Invoice Number, Notes, and Customer ID	7
Section 3: Installation Instructions using PHP	9
Instructions for PHP Implementation.....	9

Overview

OneClick Feature Explained

GoToBilling's OneClick feature is a one-page web payment form for online payments that can be easily added to any website with a little configuration and programming. It will accept both Credit Card and ACH(eCheck) payments. The payment form itself is on the GoToBilling servers so there is no development needed of the actual payment form.

When implementing the OneClick, the complete amount of the sale must be sent to the payment form as it is the one field that cannot be edited by the consumer when they are on the payment page. If the website sending the customer to the payment form has already captured the customer's name, address, phone, email, and other contact information, that information can be sent to the OneClick form so the customer doesn't have to re-type the information.

The OneClick form will display the logo of the merchant so it appears to be part of the merchant's website. That logo is served up from the logo that is on file at GoToBilling based on the Merchant ID (MID). The OneClick was also designed to best be displayed as a popup that overlays in the middle of the webpage calling it so as to appear to the consumer that they never left the merchant's website.

There are two ways to implement the OneClick. One is with the original programming to encrypt the data, the other is pure HTML so no programming in PHP or other languages is required.

Example OneClick

The following link will take you to an example of the OneClick we have setup on the GoToBilling system. It is **not** attached to any real merchant account so no card numbers or information is stored or processed, but you can see how it works for taking both Credit Cards and ACH(eCheck) payments as well as see the preferred method for it being a small popup window.

http://secure.gotobilling.com/sys/one_click_example/

Section 1: OneClick Screen Shots

When the OneClick payment page is launched by a website, the following is an example of what the customer would see if all that was sent was the total amount of the order. The logo at the top left is served up from the GoToBilling system based on the merchant so the merchant's customer always sees the merchant's logo:

Test Account :: Secure Payment Form - Mozilla Firefox
https://secure.gotobilling.com/gateway/transact.php

E-COM SOLUTIONS **The Merchant's Logo** POWERED BY gotoBilling™

* First Name:
* Last Name:
* Address 1:
Address 2:
* City:
* State/Prov./Region:
* ZIP/Postal Code:
* Email Address:

Payment Method
This payment is being processed by gotoBilling. Your payment information will be kept secure and private.

Choose a Payment Method: Credit Card Checking Account

The total amount you are currently submitting a payment for is:

my order **\$ 10.00**

Once you are done click here to submit your payment.

As you can see, the “order amount” is not editable. The customer would enter all of their contact information and then choose the payment method; Credit Card or Checking Account. Upon choosing their payment method the screen will open up with the correct fields and instructions based on the payment type selected. The form will only give the customer the option of Credit Card or Checking Account based on what the merchant is

setup to handle. Therefore, if the merchant only accepts one payment form, the option for the other type is not available for the customer to choose.

Choosing Credit Card Payment Option

The bottom portion of the screen opens up when the customer chooses Credit Card as the payment type:

Choose a Payment Method: Credit Card Checking Account

* Full Name:
as it appears on card


* ZIP/Postal Code:
of card billing address

Card Type: Visa
 Mastercard
 Discover
 American Express

* Card Number:

* Expiration: Ex: MMY

* Verification Code:



The total amount you are currently submitting a payment for is:

my order **\$ 10.00**

Once you are done click here to submit your payment.

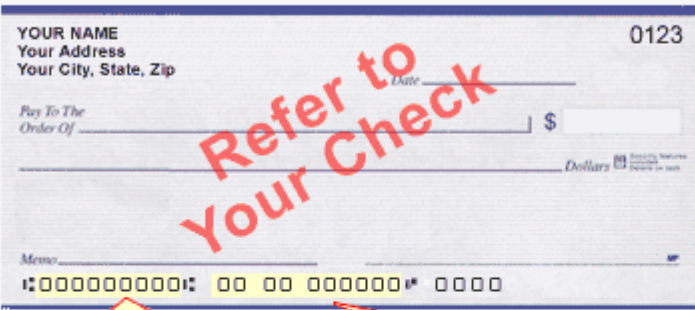
The customer can pay by any of the 4 credit card types listed. A picture of the back of a typical credit card is shown to make it easier to show customers where the CVV Verification Code is located on their card.

Choosing Checking Account (ACH-eCheck) Option

The screen opens to a different section when the customer chooses Checking Account as their payment type. An example check is shown to make it as easy as possible for someone that has not done this before to get the correct numbers entered from their checking account.

Choose a Payment Method: Credit Card Checking Account

Bank Name:



Look here to find your routing transit number and enter it below.

Look here to find your account number and enter it below.

* Routing #:

* Account #:

* Confirm Account #:

The total amount you are currently submitting a payment for is:

my order \$ 10.00

Once you are done click here to submit your payment.

Section 2: Installation Instructions

As mentioned earlier in this document, there are two ways to implement the OneClick. One way is to use pure HTML without the need to encrypt some of the information. The instructions in this section allow you to create an HTML page that will call the OneClick without the need to program in PHP or other languages.

Example HTML Page

The following HTML example shows how to properly launch the OneClick payment form with the amount of \$33.00 as the total order amount.

```
<HTML>
<HEAD>
<TITLE>Example OneClick HTML page</TITLE>
</HEAD>
<BODY>
<H3>Final Order</H3><BR />
<H2>Order Total $33.00</H2><BR /><BR />

<form action="https://secure.gotobilling.com/gateway/transact.php"
method="POST"
target="windowName" onsubmit="window.open('', this.target,
'width=560,height=650,scrollbars=1');return true;">

<input type="hidden" name="x_login" value="234568">
<input type="hidden" name="x_amount" value="33.00">
<input type="hidden" name="x_show_form" value="PAYMENT_FORM">

<!-- Receipt page the response will be redirect to
<INPUT type="hidden" name="x_relay_url"
value="http://secure.gotobilling.com/sys/scripts/test.php?testvar=1">
-->
<INPUT type="hidden" name="x_invoice_num" value="">
<INPUT type="submit" value="Accept Order">
</FORM>
</BODY>
</HTML>
```

The **x_login** is also known as the GoToBilling Merchant ID (MID). It is normally a 6-digit number. This field is critical as the wrong value will send transactions to the wrong GoToBilling Account. In this example, the MID being used is 234568 which is our standard developer's test account.

You can hard code the **x_amount** field if you have a set price or you can pass the amount from a shopping cart to this field. This field is required as the payment form does not allow the consumer to change the amount.

The **x_relay_url** allows you to redirect any responses from GoToBilling to to a specified page for you to capture the response information.

Upon clicking the OnceClick button on your website, your customer will be taken to the pop-up window containing the OneClick form as described in Section 1 of this document where they can complete their transaction.

Passing Customer Contact Information

In addition to the required fields included in the example code above, you can also pass the customer's contact information. If you pass all these fields, your customer will not need to re-type the information on the OneClick payment form. The names of these fields are:

Company:	x_company
First Name:	x_first_name
Last Name:	x_last_name
Address1:	x_address
City:	x_city
State:	x_state
Zip:	x_zip
Phone:	x_phone
Email:	x_email

Passing Hidden Data Such as Invoice Number, Notes, and Customer ID

There are other fields that are not visible on the actual payment form which you can pass along with the transaction and have it recorded in the GoToBilling system. One of the most common is for the inclusion of a *customer number* and/or *invoice number* for websites that are developing a bill payment feature. The customers go to the merchant's website and there's a field for entering either their customer number or more importantly, the invoice number or maybe both. That data can be sent to the OneClick form in a notes field. The Notes field is automatically added to the customer's email confirmation about the transaction. The Notes field is a free form text field that any data can be stored and it's stored permanently with the transaction in the GoToBilling system. When you are logged into your account in GoToBilling, the data passed into the Notes field appear in both the Notes and Memo fields. The name of this field is: **x_description**

Customer ID:

You can also push a unique customer ID using the field **x_cust_id**. Each customer (also known as an "Account ID" in GoToBilling) has a unique ID. If no Customer ID is supplied, the GoToBilling system automatically generates a unique one. If you want to submit your own unique Customer ID when sending transactions into GoToBilling, then use the **x_cust_id** and all data will be tied to that single Customer/Account record in GoToBilling. This is great when the webpage or shopping cart that is launching the OneClick has a unique customer number for the consumer.

IMPORTANT NOTE: Since the `x_cust_id` is a unique value and can be anything (letters and numbers, etc.), letting your customer simply fill out the field is not recommended. Since there is no verification on the correctness of that Customer ID, the ability for someone to incorrectly enter a Customer ID that might belong to someone else can cause problems. Doing so would overwrite the customer data on file for that unique ID and replace it with the new customer information being sent. Therefore, tight control of the customer ID must be in place for it to be useful. However, having said this, you could allow a customer to enter their customer ID in a field along with other information you might want to capture and simply concatenate all those fields and send that information through in the `x_description` field for good recording keeping and reconciliation purposes.

Section 3: Installation Instructions using PHP

As mentioned earlier in this document, GoToBilling is a PHP shop, so our only example right now for installing and programming the OneClick are PHP examples. You can implement the OneClick in other languages if you choose.

GoToBilling is a PHP shop, so the examples of installing and using the OneClick for using the encryption are shown in PHP. Other languages can be used, but since we developed exclusively in PHP we have in this initial draft of the OneClick document illustrated only a PHP example.

Instructions for PHP Implementation

First, open the `simdata.php` in an editor and change the **merchant_id** and **gateway_pin** to your current GoToBilling Merchant ID (MID) and Gateway PIN. For example;

```
merchant_id=123456;
```

```
merchant_pin=H45jkP4Ti7
```

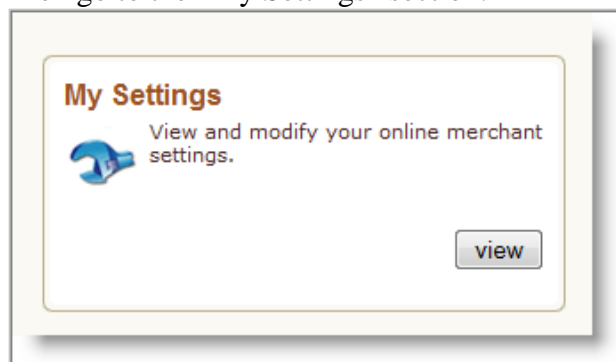
merchant_id: For most GoToBilling customers, the `merchant_id` is a six digit number and used as the login or part of the login to their account.

merchant_pin: The PIN can be set by logging into the GoToBilling account for a merchant. It is case sensitive and can be a combination of letters and numbers of any length. To get to the section in your GoToBilling account to change the PIN, here are the instructions:

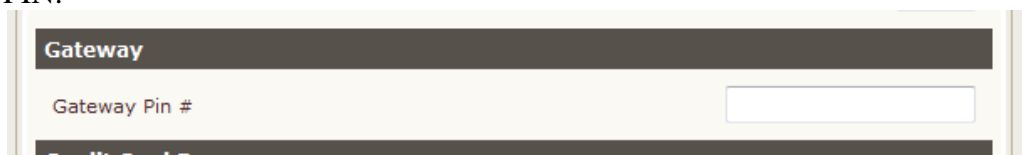
Take the link at the top of the page called “Profile”.



Then go to the “My Settings” section:



Then scroll down to the section where you can enter and change your Gateway PIN:



To install the OneClick option on your website, place the two files (simlib.php and simdata.php) in the same web server directory where you have the file that will contain the OneClick button. For example, you will put those two files where your shopping cart files are located.

Now within the file where you wish to have the OneClick button, place the following code in your php page:

```
<?
$x_Description = $HTTP_GET_VARS['x_Description'];
$x_Amount = $HTTP_GET_VARS['x_Amount'];

// *** IF YOU WANT TO PASS CURRENCY CODE do the following: ***
// Assign the transaction currency (from your shopping cart) to $currencycode variable

if ($x_Description == "")
    $x_Description = $HTTP_POST_VARS['x_Description'];

if ($x_Amount == "")
    $x_Amount = $HTTP_POST_VARS['x_Amount'];

$x_Amount = '10.00';
$x_Description = 'my order';
?>

<strong>Description:</strong> <?=$x_Description?> <BR />
<strong>Total Amount :</strong> <?=$x_Amount?>

<BR /><BR />

// This code is what makes the page come up in the middle overlaying as a popup:
<form action="https://secure.gotobilling.com/gateway/transact.php" method="POST"
target="OneClick" onSubmit="window.open("", this.target, 'width=560,height=650,scrollbars=1');return true;">
<?

```

```

// simdata.php contains the loginid and x_tran_key.
// You may use a more secure alternate method to store these (like a DB / registry).

include ("simdata.php");
include ("simlib.php");

$amount = $x_Amount;

// Trim $ sign if it exists
if (substr($amount, 0,1) == "$") {
    $amount = substr($amount,1);
}
// I would validate the Order here before generating a fingerprint

// Seed random number for security and better randomness.

srand(time());
$sequence = rand(1, 1000);

// Insert the form elements required for SIM by calling InsertFP
$ret = InsertFP ($merchant_id, $merchant_pin, $amount, $sequence);

/** IF YOU ARE PASSING CURRENCY CODE uncomment and use the following instead of the InsertFP invocation above **
// $ret = InsertFP ($loginid, $x_tran_key, $amount, $sequence, $currencycode);

// Insert rest of the form elements similar to the legacy weblink integration
echo("<input type='hidden' name='x_description' value='\" . $x_Description . "\">\n");
echo("<input type='hidden' name='x_login' value='\" . $merchant_id . "\">\n");
echo("<input type='hidden' name='x_amount' value='\" . $amount . "\">\n");

// ** IF YOU ARE PASSING CURRENCY CODE uncomment the line below **
//echo("<input type='hidden' name='x_currency_code' value='\" . $currencycode . "\">\n");

?>
<INPUT type="hidden" name="x_show_form" value="PAYMENT_FORM">
<!-- Receipt page the response will be redirect to -->
<!-- <INPUT type="hidden" name="x_relay_url" value="http://secure.gotobilling.com/receipt.php"-->
<INPUT type="hidden" name="x_invoice_num" value="">
<INPUT type="submit" value="Accept Order">
</FORM>

```

You can hard code the **x_amount** field if you have a set price or you can pass the amount from a shopping cart to this field. This field is required as the payment form does not allow the consumer to change the amount.

Upon clicking the OnceClick button on your website, your customer will be taken to the pop-up window containing the OneClick form as described in Section 1 of this document where they can complete their transaction.